
Virginia Respiratory Disease and Monkeypox Data Update

November 3, 2022

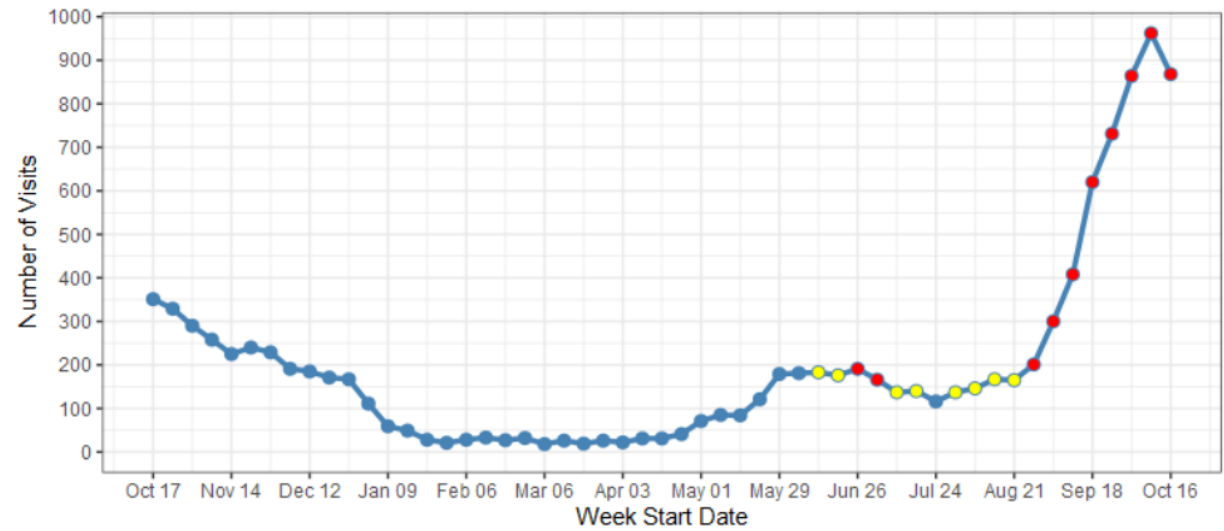


Virginia: Disease Syndromic Surveillance

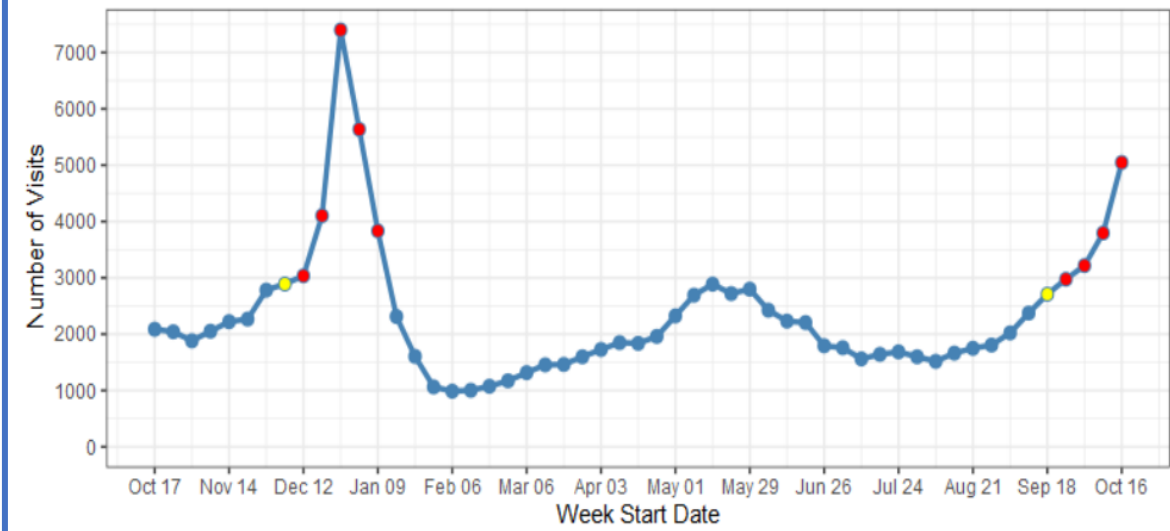
*Respiratory Syncytial Virus (RSV) ED and Urgent Care Visits		
10/2 – 10/8 (MMWR Week 40)	10/9 – 10/15 (MMWR Week 41)	10/16 – 10/22 (MMWR Week 42)
787	876	868 (-10%)
Percentage change is calculated off updated case numbers from week prior and is not always reflective of change from previous MMWR report.		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

*Influenza-Like Illness ED and Urgent Care Visits		
10/2 – 10/8 (MMWR Week 40)	10/9 – 10/15 (MMWR Week 41)	10/16 – 10/22 (MMWR Week 42)
3,220	3,800	5,047 (+33%)
Percentage change is calculated off updated case numbers from week prior and is not always reflective of change from previous MMWR report.		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded.		

Weekly ED and Urgent Care Visits with Diagnosed RSV, VA, 10/17/21 – 10/22/22



Weekly ED and Urgent Care Visits for ILI, VA, 10/17/21 – 10/22/22

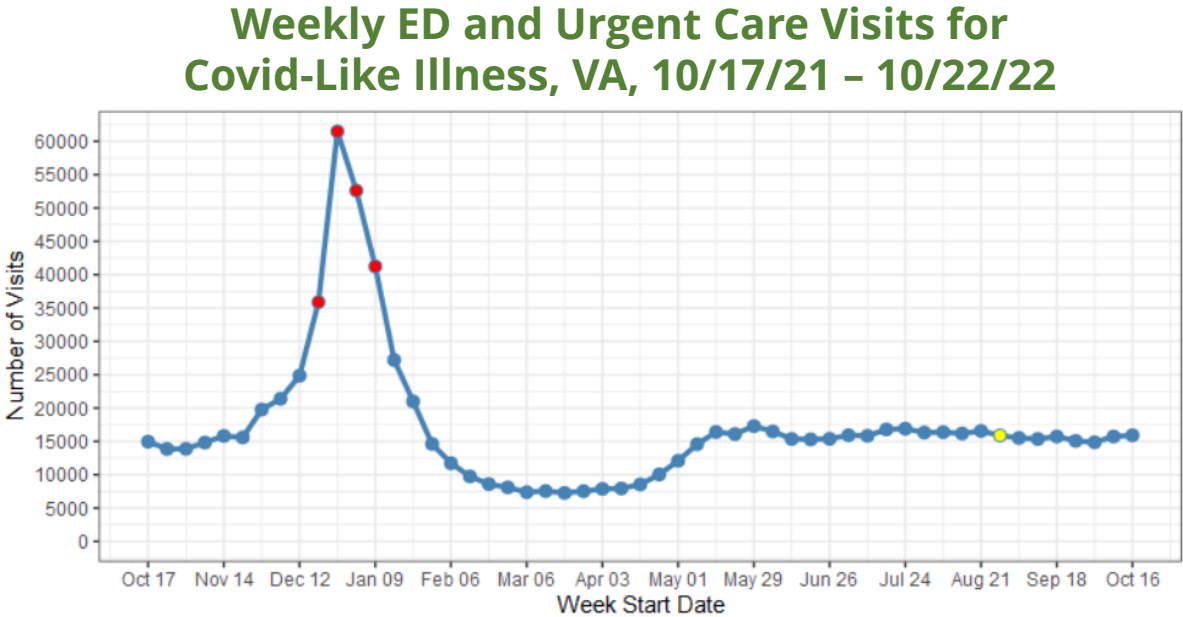


During week ending October 22, 2022:

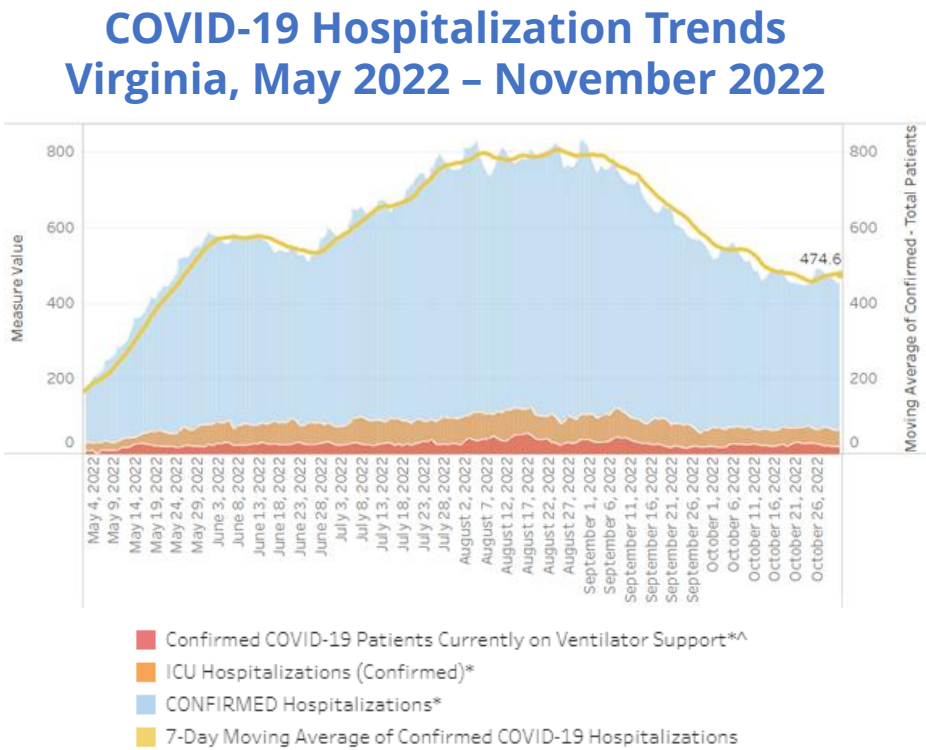
- **4.6%** of all ED and urgent care visits were for ILI
- **15.3%** of all visits among kids aged 0-4 years were for ILI

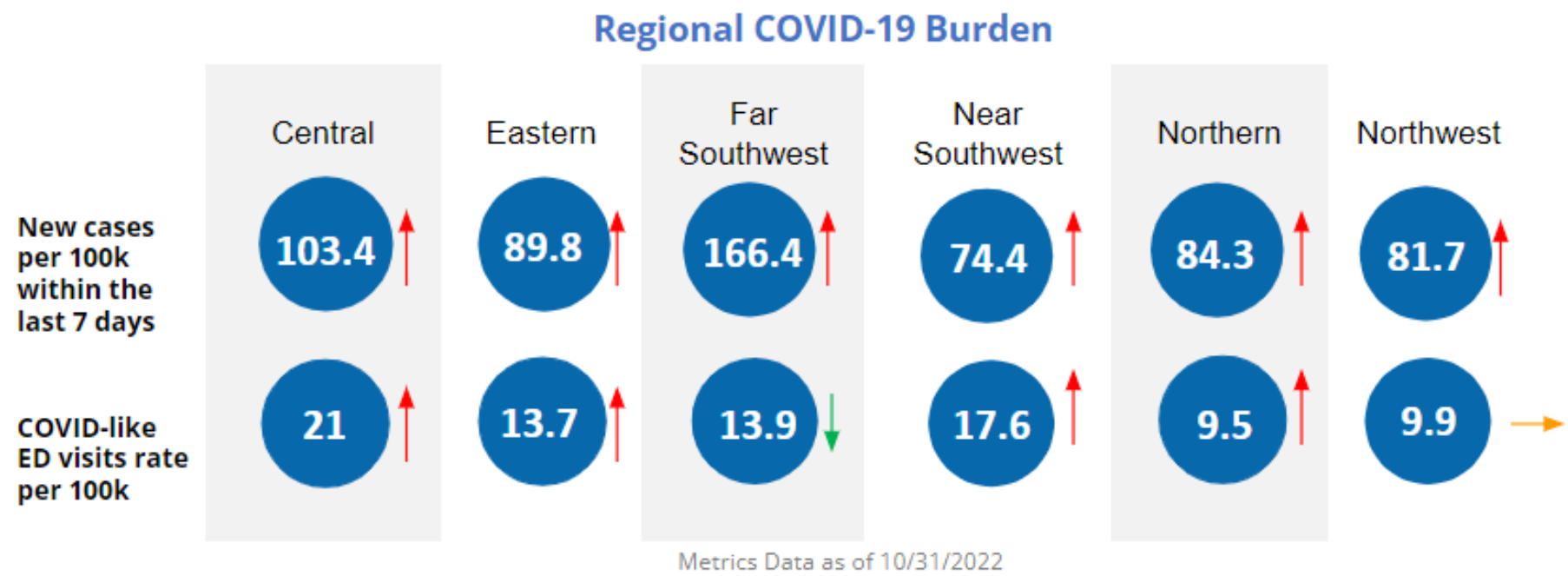
Virginia: COVID-19 Cases, Hospitalizations, and Deaths

*COVID-Like Illness ED and Urgent Care Visits		
10/2 – 10/8 (MMWR Week 40)	10/9 – 10/15 (MMWR Week 41)	10/16 – 10/22 (MMWR Week 42)
14,761	15,014	15,911 (<5%)
Percentage change is calculated off updated case numbers from week prior and is not always reflective of change from previous MMWR report.		
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g. fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.		



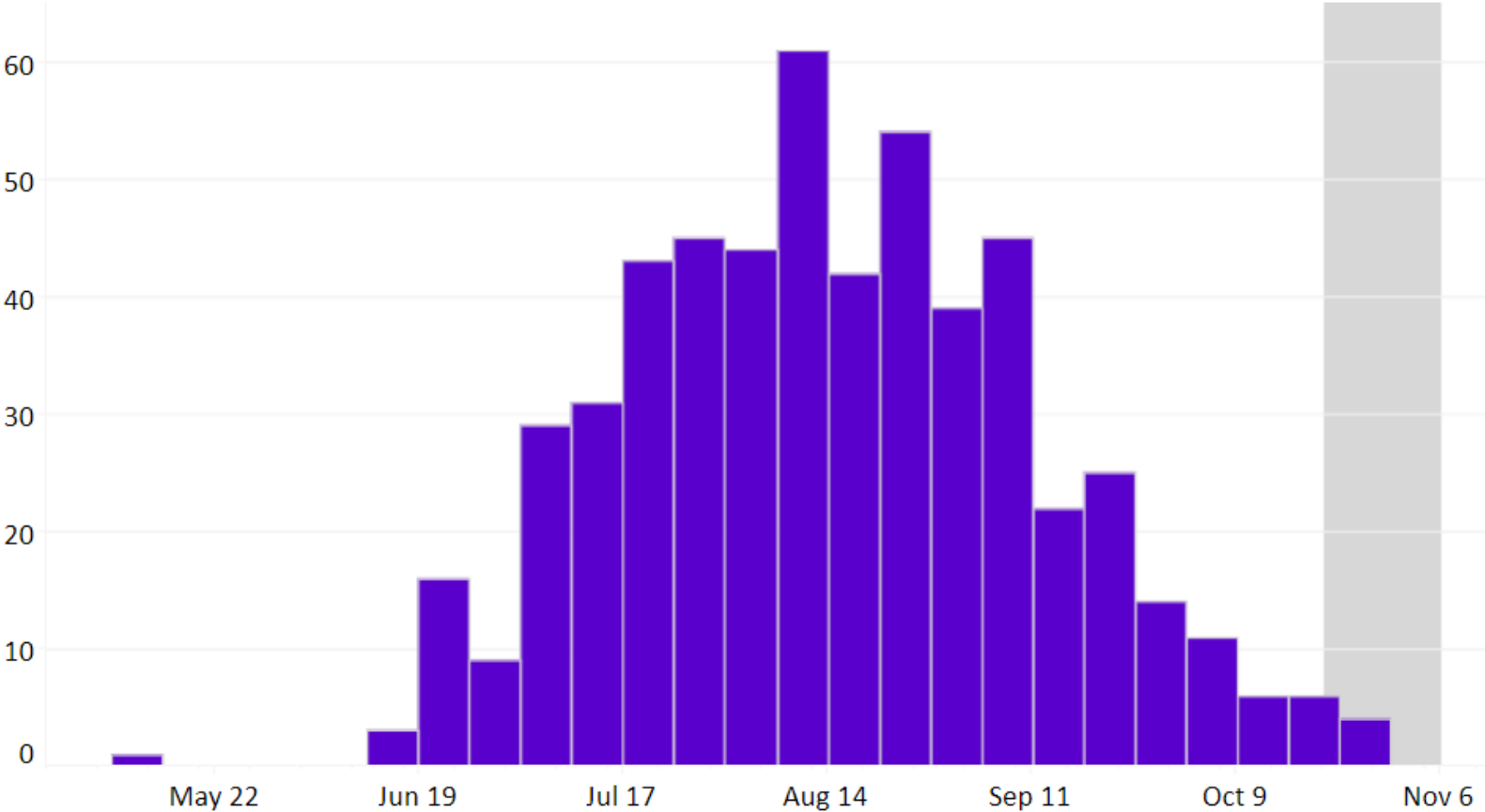
- * Compared to last week:
- **Cases decreased** to 85.3 (7-day Avg) per day (-8.7%)
- **Hospitalizations increased** to 475 (7-day MA) per day (+4.2%)
- 7-day moving average of **new deaths** is 9





Monkeypox Cases in Virginia

Epi Curve of Monkeypox Cases (5/2022 – 11/2022)



Total Cases	533
Total Hospitalizations	22

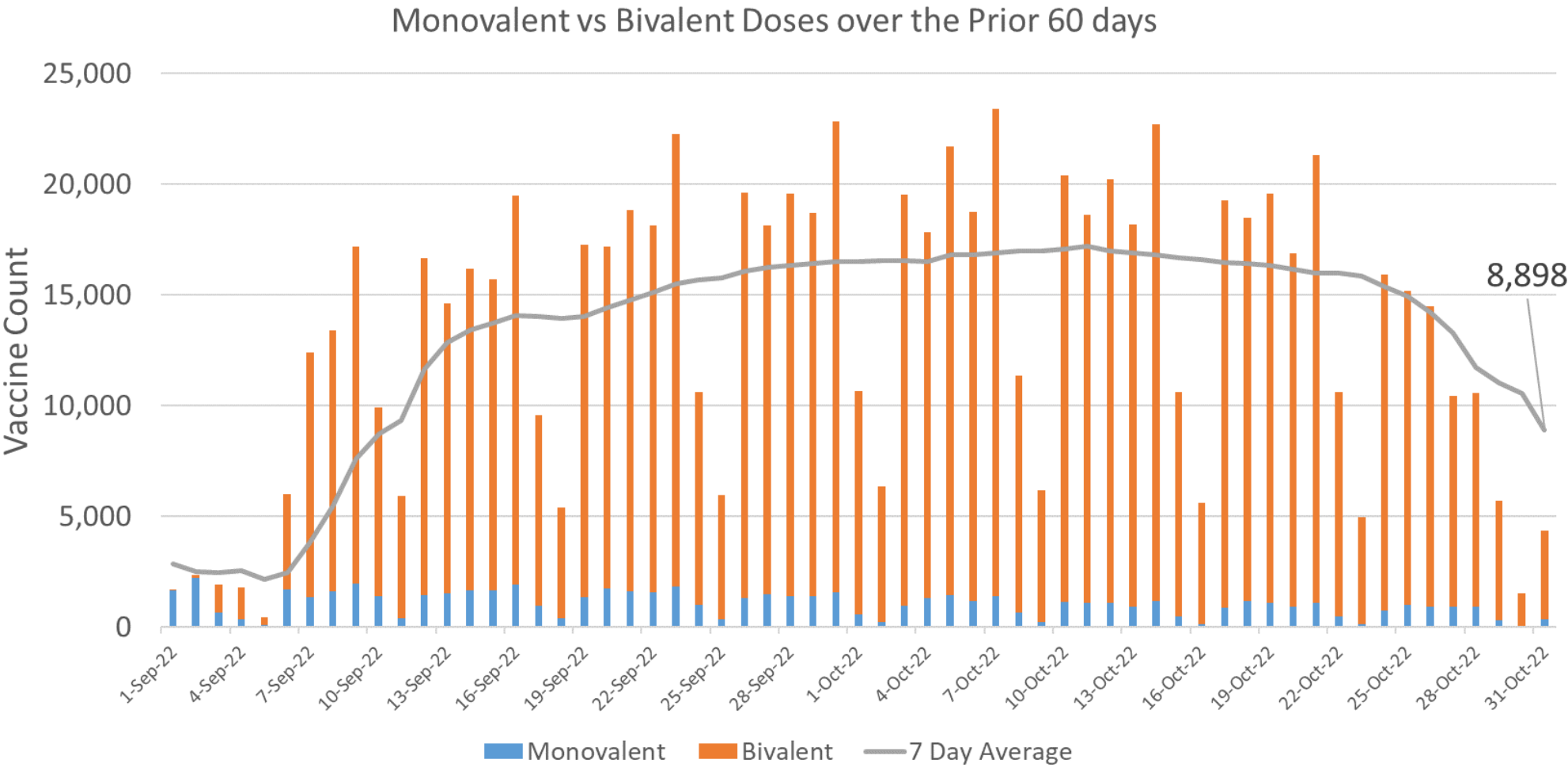
Monkeypox Cases By Age and Sex (as of 11/2)

Age Group	Cases
0-9 Years	0
10-14 Years	1
15-19 Years	14
20-29 Years	195
30-39 Years	208
40-49 Years	79
50-59 Years	31
60-69 Years	3
70+ Years	2
Sex	Cases
Female	29
Male	504

Virginia: Monovalent vs Bivalent Vaccination over the prior 30 days

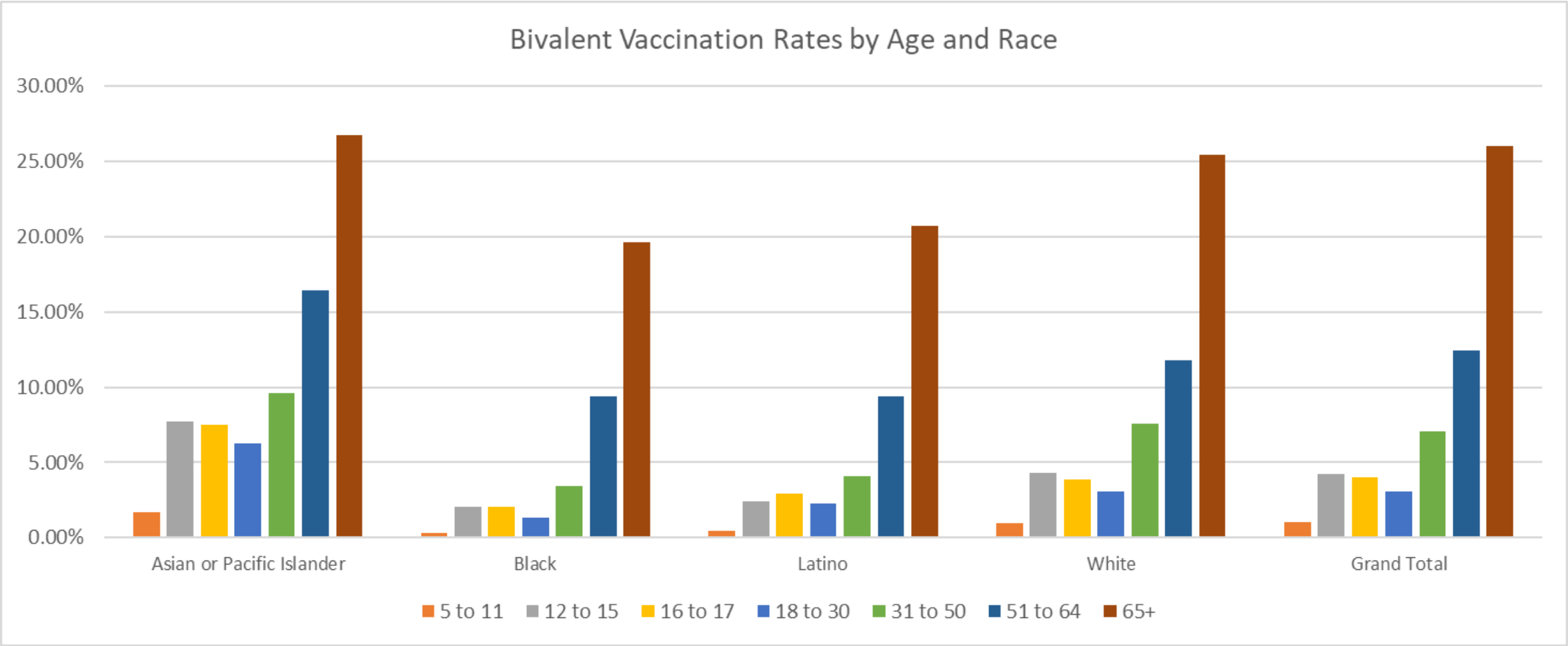
Updated 11/2/22

- There have been 797,947 Bivalent Covid-19 Vaccine Doses Administered so far
- 94.4% of doses were Bivalent in the month of October

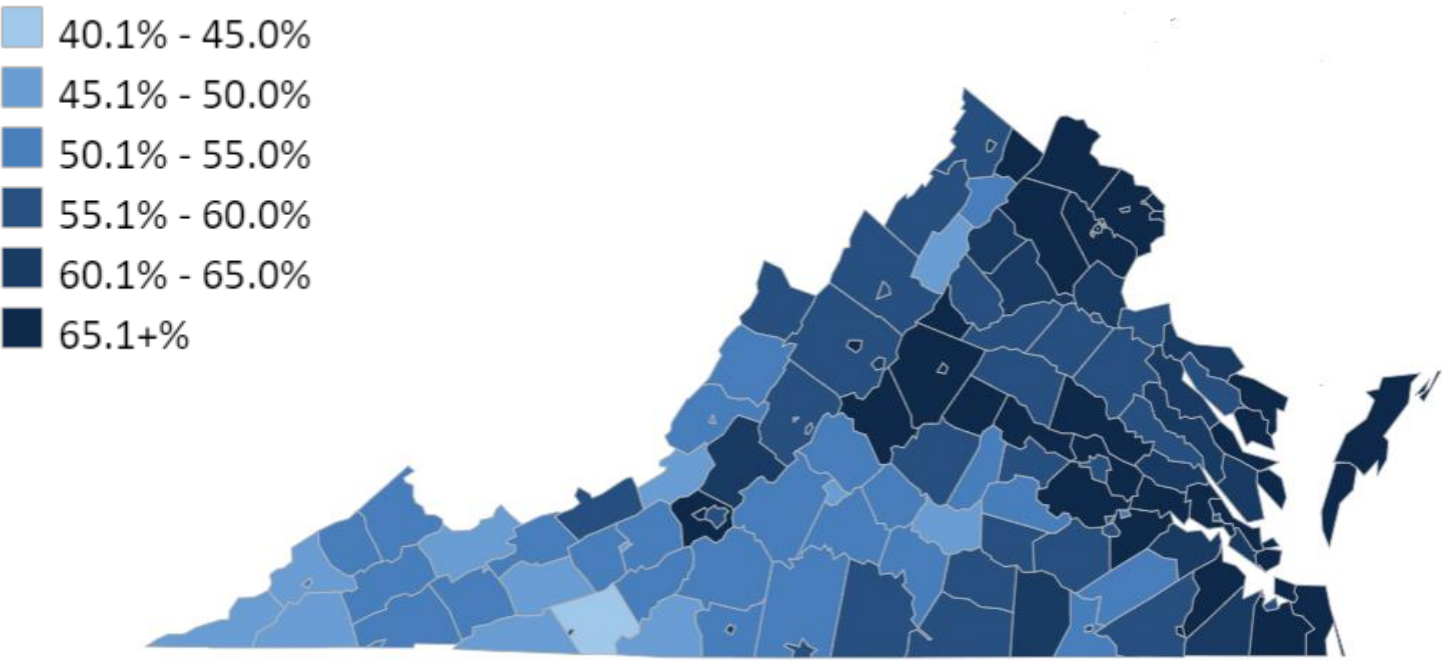


Federal doses not included in this number
Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](#)

- 26% of the total 65+ population has received a bivalent booster, outpacing 2nd booster uptake at a similar stage
- 46% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake



Percent of the Total Population Fully Vaccinated by Locality

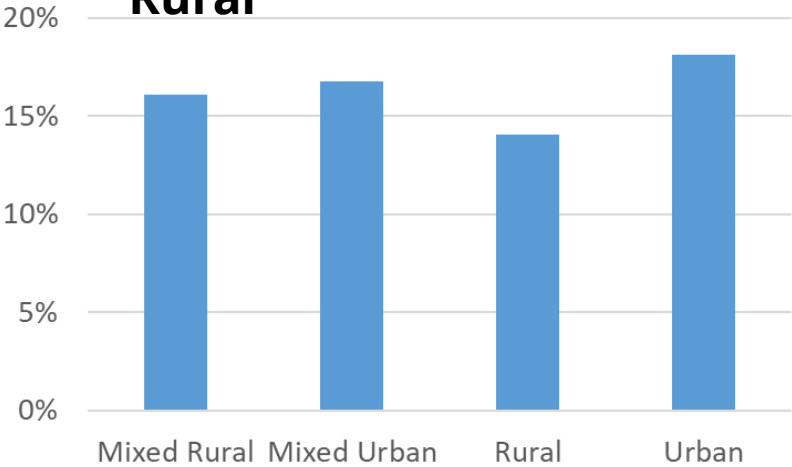


- 73.1% of the Total Population is Fully Vaccinated
- 9.3% of the Total Population has a Bivalent Booster

Vaccination Rates by Region

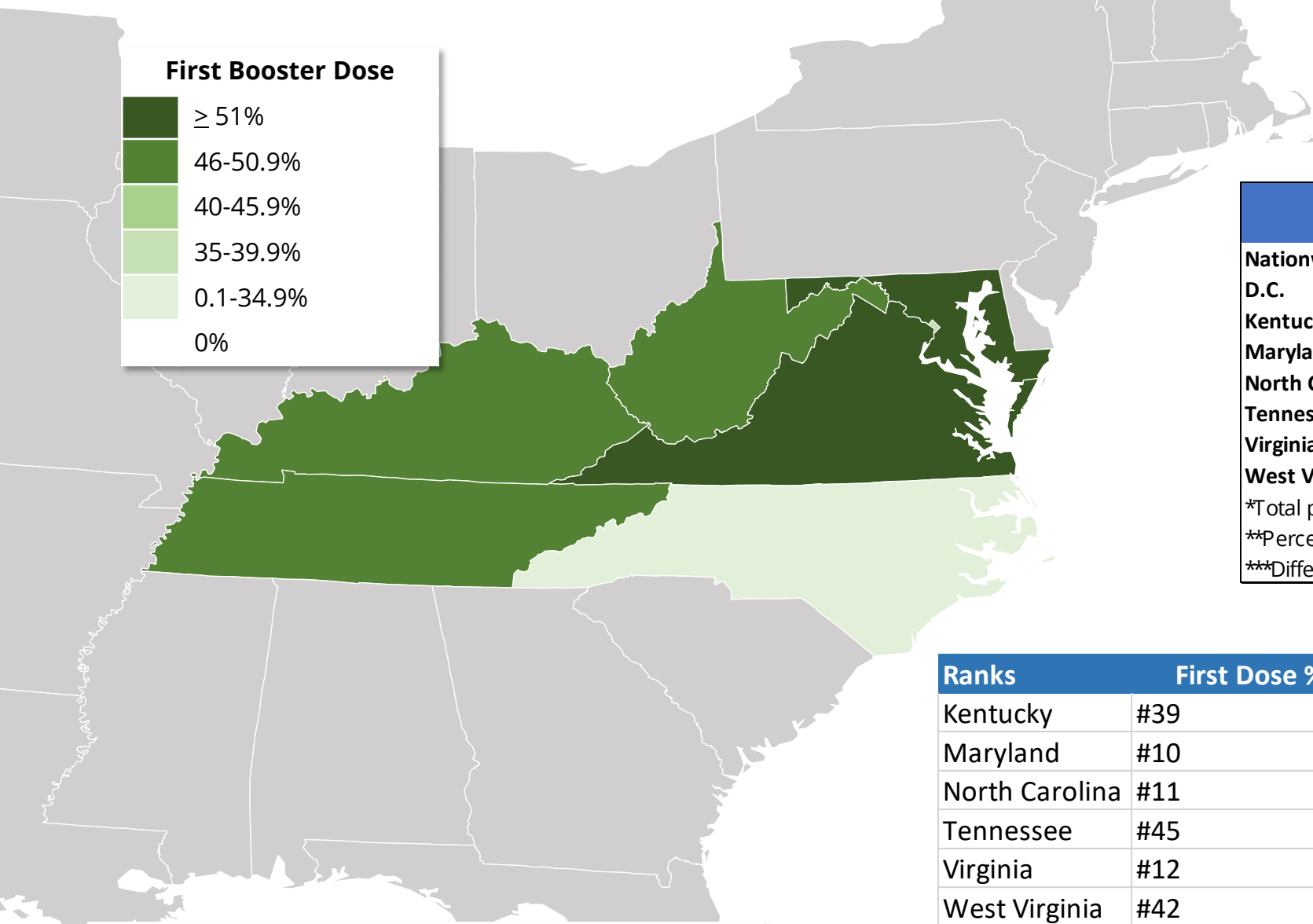
Health Region	Fully Vaccinated	Change
Central	64.2%	0.0%
Eastern	60.3%	0.0%
Northern	75.7%	0.0%
Northwest	61.9%	0.0%
Southwest	54.4%	0.0%

Bivalent Uptake by Urban / Rural



Virginia and Neighbors: Vaccination Rates

Updated 11/2/22



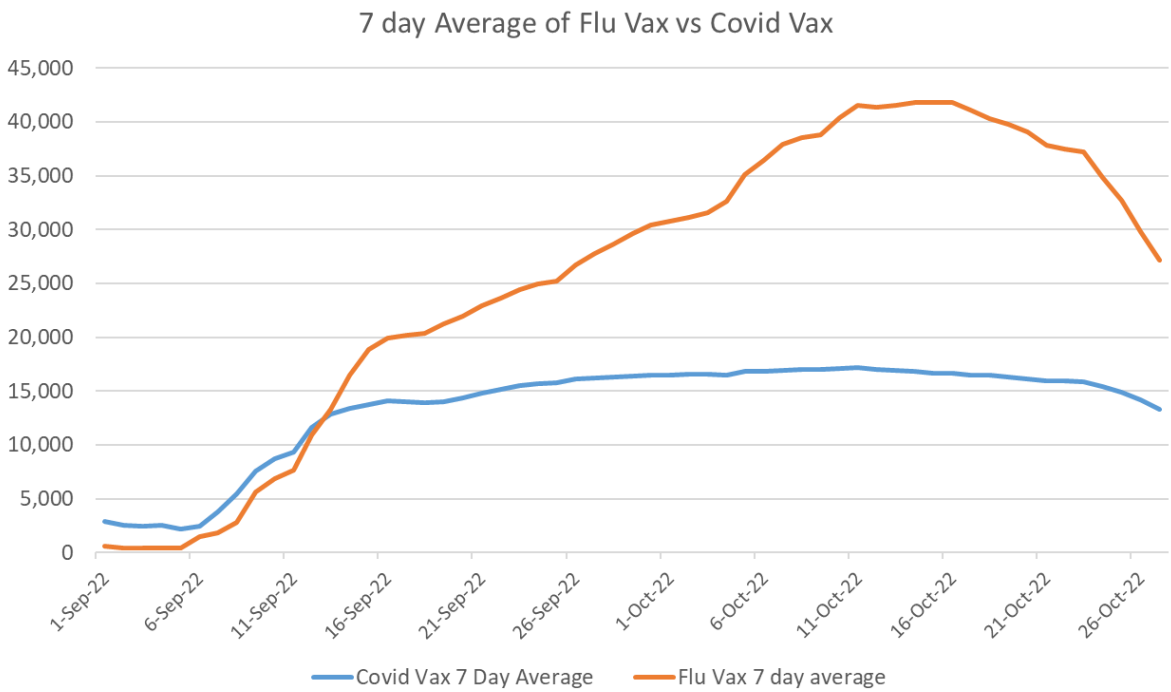
	One Dose*	Fully Vax*	First Booster**
Nationwide	80.1%	68.4%	48.6%
D.C.	95.0%	82.6%	44.4%
Kentucky	68.1%	59.0%	46.4%
Maryland	90.1%	78.4%	54.5%
North Carolina	89.6%	65.3%	28.9%
Tennessee	63.8%	55.8%	46.4%
Virginia**	89.1%	75.6%	51.2%
West Virginia	66.8%	59.2%	47.8%

*Total population, includes out-of-state vaccinations
**Percent of fully vaccinated people with a booster dose
***Differs from previous slide because all vaccination sources are included

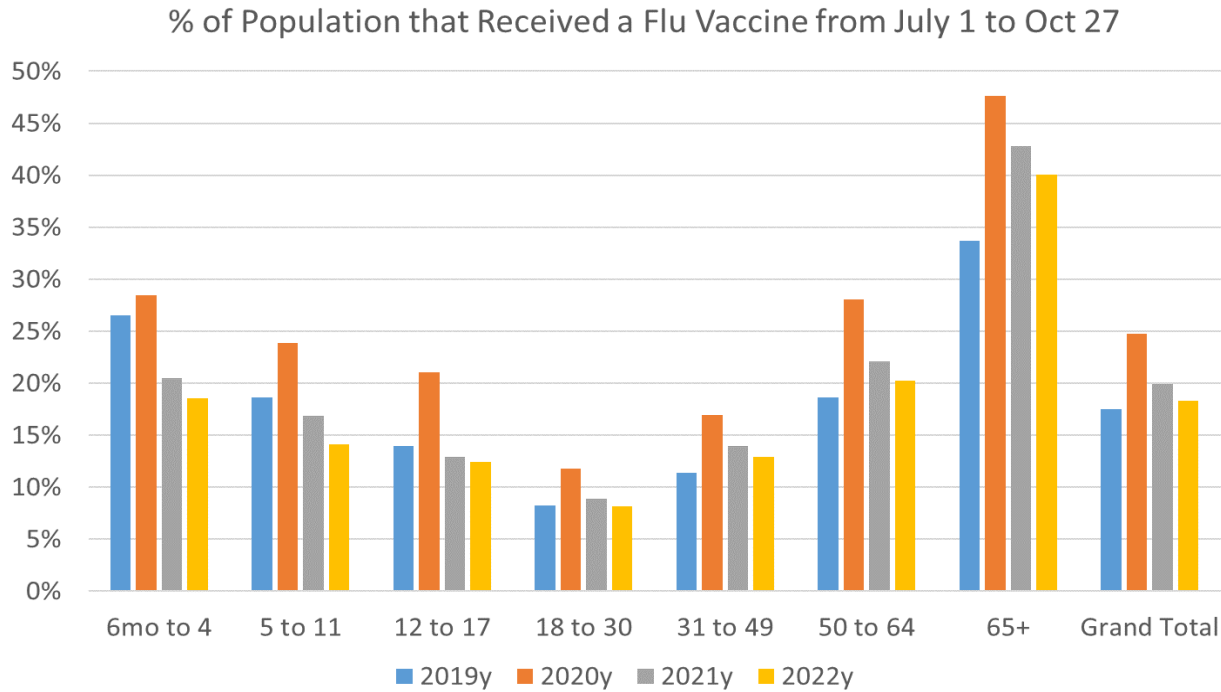
Ranks	First Dose %	Fully Vax %	0-4 First Dose %	5-11 First Dose %
Kentucky	#39	#38	#35	#40
Maryland	#10	#8	#5	#5
North Carolina	#11	#24	#25	#24
Tennessee	#45	#45	#41	#46
Virginia	#12	#10	#11	#7
West Virginia	#42	#36	#46	#45

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since September 1st
- There have been 1.56 million Flu Vaccine doses administered (18% of the Total Population) since July 1st, 2022, which trails the pace of Flu Vaccination from 2020 and 2021, but is in line with prior Flu seasons.
- Children are trailing previous years vaccination rates



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.



- 90.2% of Vaccines Administered have been to Males, with the largest concentration in 30-39
- 61.1% of Vaccines Administered have been from providers in the Northern Region as other Regions are increasing
- The White Population accounts for 57.1% of Vaccinations by Race where data is available

Region	Vaccine Count % of total	
Central	3,520	18.6%
Eastern	2,335	12.3%
Northern	11,551	61.1%
Northwest	888	4.7%
Southwest	585	3.1%
Grand Total	18,909	

